

ABSTRACT OF THE DISCLOSURE

A medium voltage controller for electrical equipment, having cast fuse
holders, a disconnect switch, a switch illuminator, low power current
transformers, and an optical temperature measuring system. The fuse holder
5 includes a cast housing with smooth rounded surfaces that reduce corona. The
disconnect switch has cast components that provide terminal points, mounting
surfaces, and contact surfaces. The switch illuminator provides illumination of
the disconnect switch internals. The contactor assembly is mounted in a truck
and moves on a rail system that includes a pull-down handle with rails. The
10 truck rolls out of the cabinet on the extended rails for easy removal from the
cabinet. The truck, and contactor assembly, is racked in by pushing the truck
into the cabinet and then raising the handle, which forces the draw-out fingers
to engage the contact stabs.